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**From:** Fritz, Jason [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=F8D42341BD2241598226069F9623074A-FRITZ, JASON]  
**Sent:** 10/17/2016 5:53:51 PM  
**To:** Newhouse, Kathleen [Newhouse.Kathleen@epa.gov]  
**Subject:** RE: B[a]P timeline, major events

I can imagine...acrylonitrile was started 13 years ago, and never got to peer review...  
jf

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**From:** Newhouse, Kathleen  
**Sent:** Monday, October 17, 2016 1:24 PM  
**To:** Fritz, Jason <Fritz.Jason@epa.gov>  
**Subject:** RE: B[a]P timeline, major events

I hope you guys can fix some things, because I feel like the program is constantly inventing new hoops to jump through! Writing out this timeline was pretty demoralizing!

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**From:** Fritz, Jason  
**Sent:** Monday, October 17, 2016 10:21 AM  
**To:** Newhouse, Kathleen <Newhouse.Kathleen@epa.gov>  
**Subject:** RE: B[a]P timeline, major events

Awesome, thank you!  
jf

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**From:** Newhouse, Kathleen  
**Sent:** Monday, October 17, 2016 11:28 AM  
**To:** Fritz, Jason <Fritz.Jason@epa.gov>  
**Subject:** RE: B[a]P timeline, major events

Hi Jason, here are my notes on the BaP timeline. This timeline is rebuilt from some notes I have and my recollection. Let me know if you want more clarification about why certain steps were delayed.

**Added to the IRIS agenda: 12/1998**

Bap went through several contractors, and one draft (from TERA) was completely rejected!

[I was assigned to BaP in 2008 or 2009 (Gene Hsu was the previous chemical manager). I was also the chemical manager for two other assessments (chlordecone and hydrogen cyanide) which were ahead of BaP for posting and in terms of priority level.]

**AR: Oct 2010**

[from May-Nov 2011 I was on detail to the Office of Children's Health Protection, but Jamie and Marty continued to move the assessment forward]

**IAR: June 2011**

[I got back from detail and was told I had to rewrite the assessment into our new "streamlined" format that originated out of the programs regrouping after the NRC formaldehyde report. This added about 6 months to the timeline. Plus, because the document looked so different (i.e., lots of new synthesis text where there used to be only study summaries, new evidence tables, the new "super tables" for multiple candidate values, etc. I was told by management that we had to send the document back to AR and IAR)]

[Feb 2012: comprehensive literature search update was conducted, new studies added, including several to derive new candidate values]

**Second AR and IAR: June 2012**

**Public Comment Draft release: Aug 2013** [The document was released for a separate public comment period because SAB told us that BaP would be waiting in a long queue behind several other IRIS chemicals.]

**Close of Public Comment Period: Nov 2013** [Usually this would be 60 days, but an industry stakeholder petitioned to add time, so 90 days total was allowed]

**Bimonthly Public Meeting: Dec 2013**

**Release of External Review Draft: Sept 2014** [Draft was ready in June 2014, having already been reviewed by NCEA management, but SAB told us they would not be able to get to it for several months. So we kept it in house until they were ready for it.]

SAB 1<sup>st</sup> teleconference: March 2015

SAB face to face public meeting: April 2015

SAB (very) draft report: July 2015

(several additional SAB public teleconferences)

SAB quality review report: Jan 2016

**SAB final report: April 2016**

Dermal slope factor public meeting: June 2016

BaP submitted for ERC review: Aug 2016

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**From:** Fritz, Jason

**Sent:** Thursday, October 13, 2016 11:08 AM

**To:** Newhouse, Kathleen <[Newhouse.Kathleen@epa.gov](mailto:Newhouse.Kathleen@epa.gov)>

**Subject:** RE: B[a]P timeline, major events

Okay, thanks!

And if it doesn't happen, it doesn't happen.

We had drafted a version of AN's timeline for Ken several years ago, so I already had the information I needed on hand. 13 years, and AN never got to peer review.

jf

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**From:** Newhouse, Kathleen

**Sent:** Thursday, October 13, 2016 2:02 PM

**To:** Fritz, Jason <[Fritz.Jason@epa.gov](mailto:Fritz.Jason@epa.gov)>

**Subject:** RE: B[a]P timeline, major events

OK. Thanks. I am pushing to make a BaP deadline this week, so I will try to get you this information by Monday COB.

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**From:** Fritz, Jason

**Sent:** Thursday, October 13, 2016 8:41 AM

**To:** Newhouse, Kathleen <[Newhouse.Kathleen@epa.gov](mailto:Newhouse.Kathleen@epa.gov)>

**Subject:** RE: B[a]P timeline, major events

If it helps, here the spread sheet that we're using, with a few entries (many with only pieces of information).

FYI only, do not distribute.

jf

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**From:** Newhouse, Kathleen

**Sent:** Thursday, October 13, 2016 11:36 AM

**To:** Fritz, Jason <[Fritz.Jason@epa.gov](mailto:Fritz.Jason@epa.gov)>

**Cc:** Shams, Dahnish <[Shams.Dahnish@epa.gov](mailto:Shams.Dahnish@epa.gov)>; Subramaniam, Ravi <[Subramaniam.Ravi@epa.gov](mailto:Subramaniam.Ravi@epa.gov)>

**Subject:** FW: B[a]P timeline, major events

Hi Jason, BaP certainly does have a long history. I have some notes on the timeline, but I will have to work on them a bit to make them coherent. Maybe I can start with Danish dates for BaP and then help to fill in the why component.

-K

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**From:** Fritz, Jason

**Sent:** Thursday, October 13, 2016 6:22 AM

**To:** Newhouse, Kathleen <[Newhouse.Kathleen@epa.gov](mailto:Newhouse.Kathleen@epa.gov)>

**Subject:** B[a]P timeline, major events

Hello Kathleen,

As part of our Sprint Team work, we are trying to get an idea of timelines for several chemicals, and especially annotating a reason "why" to the "how long" for various periods in draft development. Separately, Dahnish had already collected a fairly detailed survey of how long various chemical assessments had spent in various stages (attached), but this survey completely lacks the "why" component. Also it bins all time into each stage, and doesn't indicate if/when assessments "went back", or how many "rounds" they spent in each stage.

For our current efforts, we are trying to collect information at a fairly general, summary level. E.g. "2004-2006, 2.5 years delay, because of X reason".

I was hoping that you had some information like this available for B(a)P, perhaps as a timeline in a briefing presentation, or some notes perhaps?

Do you have something to this effect that you could send me? Really any information would probably be useful.

And, of course, we need it as soon as you could manage...preferably today, but we could still use it if you could manage by Monday of next week.

If you don't have this kind of information handy, no worries.

And thank you!

Jason

Jason M. Fritz, Ph.D.

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